

Claims

1. A method of making a golf club head, said golf club head comprising two metal parts which are connected each other by welding their opposite surfaces, the method comprising

making said two metal parts, wherein at least one of said two metal parts is provided with a small protrusion along said surface to be welded, and

laser welding said opposite surfaces by applying a laser beam to at least said protrusion so that the molten material of the protrusion penetrates into a gap between the opposite surfaces.

2. A method of making a golf club head according to claim 1, wherein

said gap between the opposite surfaces to be laser welded is in a range of from 0.1 to 0.5 mm.

3. A method of making a golf club head according to claim 1 or 2, wherein

the height of the protrusion is in a range of from 0.3 to 1.0 times a thickness (t) of one of the metal parts which is not larger than the thickness of the other.

4. A method of making a golf club head according to claim 1 or 2, wherein

the height H of the protrusion is in a range of from 0.3 to 1.0 times a thickness (t) of one of the metal parts which is not larger than the thickness of the other, and

the maximum width W of the protrusion is a range of from

0.5 to 2.0 times said height H.

5. A method of making a golf club head according to claim 1, wherein

the protrusion has a surface 7a substantially align with one of the opposite surfaces to be laser welded, and a surface 7b inclined towards the surface 7a, whereby the protrusion is tapered towards its end.

6. A method of making a golf club head according to claim 1, wherein

said two metal parts are made of different materials.

7. A method of making a golf club head according to claim 1, wherein

said two metal parts are formed through different methods.

8. A method of making a golf club head according to claim 7, wherein

said different methods are casting and plastic forming.

9. A wood-type golf club head manufactured according to any one of claims 1-8.

10. An iron-type golf club head manufactured according to any one of claims 1-8.